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	····							-	U.S. PATEN	T DOCUMENTS				
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M3	AA	4	7	9	١,	1 9	1	01/03/89	Honey et al.					
<u> </u>	AB	5	3	1	╢	1 9	5	05/10/94	Mathis et al.					
_	AC	5	5	0 4	+	4 8	2	04/02/96	Schreder		1			
_	AD	5	5	4 :	,	7 8	9	08/06/96	Behr et al.					
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	AG	5	5	8	,	9 1	1	12/24/96	Asano et al.					
1.	AH	5	6	1 7	:   7	8 8	1	03/18/97	Moroto et al.					
	AI	5	6	4	<u>.</u>	1 0	6	06/24/97	Hancock et al	•				
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Sheet <u>1</u> of <u>1</u>

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 09650-007001

Application No. 10/706456 09/252,432

Informati n Disclosure Statement by Applicant (Use several sheets if necessary) Applicant Bob Drury et al.

Filing Date

Group Art Unit 3662

(37 CFR §1.98(b))

February 18, 1999

				U.S. Pate	ent Documents			
1	miner itial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
M	<u> </u>	AA	5,563,607	10/08/96	Loomis et al.	_		
1		AB	5,539,645	07/23/96	Mandhyan et al.			
		AC	5,334,986	08/02/94	Ferhout			
		AD	5,243,528	09/07/93	Lefebrve			
		AE	5,072,395	12/10/91	Bliss et al.			
		AF	5,598,534	01/28/97	Haas			
		AG	5,604,676	02/18/97	Penzias			
		AH	6,073,075	06/06/00	Kondou et al.			
		ΑI	6,104,338	08/15/00	Krasner			
		AJ	5,987,381	11/16/99	Oshizawa			
	1	AK	6,028,537	02/22/00	Suman et al.			

	Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	lation	
Initial	ID	Number	Date	Patent Office	Class	Subclass	Yes	N	
1183	AL	96/21193	07/11/96	wo				-	
	AM	96/00373	01/04/96	wo					
	AN	0 786 646 A2	07/30/97	Europe					
	AO	0 354 684	02/14/90	Europe					
	AP	0 349 652	01/10/90	Europe					
	AQ	41 39 581 A1	06/03/93	Germany					
*	AR	43 00 927 A1	07/21/94	Germany					

Other Documents (include Author, Title, Date, and Place of Publication)							
Examiner Initial	Desig. ID	Document					
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Examiner Signatur	Date Considered							
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Sheet 1 of 1

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office

Attorney's Docket No. 09650-007001

Application No. 10 09/252,432

Substitute Disclosure Form (PTO-1449)

## Information Disclosure Statement by Applicant (Use several sheets if necessary)

Applicant Bob Drury et al.

Filing Date

**Group Art Unit** 

(37 CFR §1.98(b))

February 18, 1999

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U.S. Patent Documents							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
	AA						
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	Foreign Patent Documents or Published Foreign Patent Applications								
Examiner	Desig.	Document	Publication	Country or			Trans	slation	
Initial	ID D	Number	Date	Patent Office	Class	Subclass	Yes	No	
1/165	AL	WO 98/45823	10/15/98	PCT				x	
1165	AM	EP0 974 137 B1	11/28/01	Europe (for translation of claims only)			х		
	AN								
	AO					-			
	AP							<u> </u>	

	Other Documents (include Author, Title, Date, and Place of Publication)								
Examiner Initial	Desig. ID	Document							
	AQ								
	AR								
	AS								
	AT								

Examiner Signature SLUM	Date Considered 4-28-04					
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## Sheet 1 of 2

Substitute Form PTO-1449 (Modified)

U.S. Department of Commerce Patent and Trademark Office Attorney's Docket No. 09650-007001

Application No. 10 / 706456 09/252,432

Information Disclosure Statement by Applicant (Use several sheets if necessary) Applicant
Bob Drury et al.

Filing Date

Group Art Unit

(37 CFR §1.98(b))

February 18, 1999 3662

			U.S. Pate	nt Documents			
Examiner Initial	Desig.	Patent Number	Issue Date	Patente <b>e</b>	Class	Subclass	Filing Date If Appropriate
mas	AA	4733356	03/22/88	Haeussermann, et al.	-		
1	AB	4954958	09/04/90	Savage, et al.			
	AC	5025261	06/18/91	Ohta, et al.			
	AD	5043902	08/27/91	Yokoyama, et al.			
	AE	5172321	12/15/92	Ghaem, et al.	-		
	AF	5239700	08/24/93	Guenther, et al.			
	AG	5278759	01/11/94	Berra, et al.			
	AH	5311434	05/10/94	Tamai			
	Al	5323321	06/21/94	Smith	-		
	AJ	5452212	09/19/95	Yokoyama, et al.	_		
	AK	5475599	12/12/95	Yokoyama, et al.			
	AL	5515284	05/07/96	Abe			
	AM	5543789	08/06/96	Behr, et al.			
	- AN	5559707	09/24/96	DeLorme, et al.	_		
	AO	5610821	03/11/97	Gazis, et al.			
	AP	5635953	06/03/97	Hayami, et al.			
	AQ	5638280	06/10/97	Nishimura, et al.			
	AR	5648768	07/15/97	Bouve			
	AS	5648769	07/15/97	Sato, et al.			
	AT	5651056	07/22/97	Eting, et al.			
	AU	5659476	08/19/97	LeFebvre, et al.			
	AV	5774824	06/30/98	Streit, et al.			,
	AW	5794164	08/11/98	Beckert, et al.			
	AX	5802492	09/01/98	DeLorme, et al.			
	AY	5808566	09/15/88	Behr, et al.			
	AZ	5922041	07/13/99	Anderson			
*	AAA	5924075	07/13/99	Kanemitsu			

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Date Considered

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U.S. Department of Commerce Patent and Trademark Office

06/19/01

Attorney's Docket No. 09650-007001

Application No. 10 09/252,432

Information Disclosure Statement by Applicant (Use several sheets if necessary)

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Bob Drury et al.

Applicant

Filing Date

February 18, 1999

**Group Art Unit** 3662

(37 CFR §1.98(b))

**U.S. Patent Documents** Filing Date Patent Examiner Desig. Class Subclass If Appropriate Number Issue Date Patentee ID Initial 5951620 ABB 09/14/99 Ahrens, et al. 5959577 09/28/99 Fan, et al. ACC 6009403 Sato 12/28/99 ADD 6032089 02/29/00 Buckley AEE 6070124 05/30/00 **AFF** Nimura, et al. 6075467 06/13/00 Ninagawa **AGG** 6076041 06/13/00 AHH Watanabe 6124826 09/26/00 Garthwaite, et al. ΑII 6131064 10/10/00 Vieweg AJJ 6169515 01/02/01 Mannings, et al. AKK 6216086 04/10/01 Seymour, et al. ALL

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig.	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Trans Yes	lation No
1115	ANN	DE4139581A1	06/03/93	Germany				-;
1	A00	DE4300927A1		Germany	-			
	APP	EP0349652B1	10/01/90	Europe				
	AQQ	EP0354684A2	02/14/90	Europe				
	ARR	WO9600373A1	01/04/96	PCT				
	ASS	WO9619775	06/27/96	PCT				
	ATT	WO9843044	10/01/98	PCT				
b	AUU	US 6381535 (translation of WO 98/45823					x	

Okayama, et al.

Examiner Signature BLUM.	Date Consider d 4-28-04
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Sheet <u>1</u> of <u>1</u>

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1	closure Statement oplicant	Applicant Bob Drury et al.		
(Use several sheets if necessary)		Filing Date February 18, 1999	Group Art Unit 3662	

U.S. Patent Documents							
Examiner Initjal	Desig. ID	Document Number	Publication Date	Patentee	Class	Subclass	Filing Date If Appropriate
m45	AA	6,324,472	11/27/2001	O'Shea			
	AB						

	Foreign Patent Documents or Published Foreign Patent Applications							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Tran: Yes	slation No
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(	Other De	ocuments (include Author, Title, Date, and Place of Publication)
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